
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: BioShield Technologies, Inc.
Product Name: Duralast Protectant

MATERIAL SAFETY DATA SHEET

DuraLast Protectant

FILE NO.: 123

MSDS DATE: 01/16/02

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: DuraLast Protectant
SYNONYMS: BST Protectant RTU 75

MANUFACTURER: BioShield Technologies, Inc
DIVISION: Research and Development
ADDRESS: 4405 International Blvd, Suite B109
Norcross, GA 30093

EMERGENCY TELEPHONE NUMBER (CHEMTREC): 1-800-424-9300
NON-EMERGENCY TELEPHONE NUMBER: 1-770-246-2500
FAX PHONE: 1-770-248-2538

CHEMICAL FAMILY: Organosilane
PREPARED BY: BioShield Technologies, Inc

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u> <u>ACGIH (TLV)</u>	<u>CAS NO.</u>	<u>% VOL</u>	<u>OSHA (PEL)</u>
3-(Trimethoxysilyl) propyldimethyloctadecyl none established ammonium chloride	27668-52-6	<0.75 %	none established
Deionized Water none established	7732-18-5	>94.5%	none established

The above information is not intended for use in preparing product specifications.

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Skin contact, inhalation, eye contact, and ingestion

POTENTIAL HEALTH EFFECTS

SKIN: May cause slight irritation.
INHALATION: Harmful if inhaled
EYE CONTACT: Slightly irritating to the eyes
INGESTION: Harmful if swallowed.

SECTION 3: HAZARDS IDENTIFICATION CONTINUED

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

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CARCINOGENS: OSHA: No ACGIH: No NTP: No
IARC: No

SECTION 4: FIRST AID MEASURES

SKIN: Rinse skin immediately with plenty of water for 15-20 minutes. If symptom persists, call a doctor for treatment advice.

INHALATION: Move person to fresh air. If not breathing, give artificial respiration. Seek medical attention.

EYES: Hold eye open and flush with a steady, gentle stream of water for 15-20 minutes. If present, remove contact lenses after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have the person to sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR,
UPPER: Not applicable
LOWER: Not applicable

FLASH POINT: Not applicable

EXTINGUISHING MEDIA: Not applicable

SPECIAL FIRE FIGHTING PROCEDURES: Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Small spill: hose away with water. Large spill: transfer to suitable container for disposal.

SECTION 6 NOTES: This material will be slippery if spilled.

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not get into eyes. For sensitive skin, wear gloves (rubber/latex) when handling product. Store away from heat and direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None

EYE PROTECTION: For sensitive eyes, to avoid eye contact, wear goggles.
SKIN PROTECTION: Rubber/Latex gloves for sensitive skin.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless liquid

ODOR: Odorless

PHYSICAL STATE: Liquid

pH: 5.28

BOILING POINT:
F: 212
C: 100

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES CONTINUED

MELTING POINT:
F: 32
C: 0
VAPOR PRESSURE (mmHg):
F: Not available
C: Not available

DENSITY: 0.984g/ml

SPECIFIC GRAVITY: 1

SOLUBILITY IN WATER: 100%

PERCENT SOLIDS BY WEIGHT: Not available

PERCENT VOLATILE BY VOLUME: Not available

VISCOSITY: <85.5mPa·s

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Do not mix with other cleaners, do not freeze, and avoid heat and direct sunlight.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Will not occur

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY:

Eye Irritation: Minimally irritating to eyes [Rabbit]

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Do not apply to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste resulting from the use of this product may be disposed of on site.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not regulated

SECTION 15: REGULATORY INFORMATION

EPA registered

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

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PREPARATION INFORMATION: Prepared by BioShield Technologies

DISCLAIMER: This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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